

Spill Code Sheet

December 2001 Update

Maine DEP

Spill Type - General classification of the event.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
H	Hazardous Material Incident	Primary product involved is a hazardous material.
I	Non-Oil, Non-Hazardous Incident	No Oil or Hazardous Material involved identified.
O	Oil Incident	Primary product involved is regulated oil.

Spill Cause - The primary cause of the incident or investigation.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
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Accident (AC)

05	Accident - Physical Breakage	<i>An unintended event which results in some degree of damage. "An event that takes place without one's foresight or expectation."</i> The spill was caused by the breakage of an item that if otherwise intact would not have caused a spill.
11	Accident - Transportation	The discharge was caused by a transportation related accident (includes rail, plane, vehicle, vessel, etc.).
14	Accident - Other	A discharge caused by an accident other than vehicular or marine. Aircraft accidents are included in this category.
15	Accident - Storm Damage	A discharge caused by weather (i.e, lighting, ice storm, flooding, etc.).
17	Accident - Human Error	An error that directly caused a spill or was the major contributing cause of a spill.
16	Accident - Poor Workmanship	Any discharge caused by the failure of a system to contain a regulated product that was not installed according to any applicable national codes or manufacturer's installation requirements.

Corrosion (CR)

01	Corrosion - Tank	<i>Rust. Also, to have been 'eaten' away by degrees. Includes corrosion from inside or outside the unit.</i> The spill was caused by tank corrosion which, upon investigation, originated on either the inside or the outside surface of the tank. Tank systems for large storage or supply.
03	Corrosion - Piping	The cause of the spill was due to a corrosion-induced failure in piping. Corrosion could be internal or external.
04	Corrosion - Other	All other corrosion induced leaks. Includes vehicle gas tanks.

Deliberate Discharge (DT)

10	Discharge - Bilge	<i>The owner of the spilled product made a conscious choice to release the product from its containment and allow it to enter the environment.</i> The pumping or leaking of a vessel's oil containing bilge into waters of the State of Maine such that a sheen or product is observed (approx. 15 ppm oil in water or more).
19	Discharge - Vandalism	Tank or Vessel - A spill caused by the deliberate destruction of property.
20	Discharge - Deliberate/Other	The deliberate, willful discharge of a regulated product to the environment.

Mechanical Failure (MP)

06	M/P Failure - Piping/Hose	<i>Failure of a part of a manufacturing process that subsequently caused a discharge due to a process upset or overflow or an "out of balance" condition. Industrial type process.</i> The cause of the spill was due to a loss of integrity of piping or hose, such as gasket failure or material breakdown (hose).
21	M/P Failure - Other	Failure of a part of a manufacturing process that subsequently caused a discharge due to a process upset or overflow or an "out of balance" condition.
07	M/P Failure - Valve	The spill was caused due to a loss of valve integrity. This could include a cracked valve, body (stress), or a non-maintained valve surface which would not allow the valve to work properly.
23	MEchanical Failure-Other	The cause of the discharge was due to the failure of any other component not listed. Specify type in the narrative.
22	Mechanical Failure-Gasket/Seal	The cause of the discharge was due to the failure of a gasket and/or seal.
08	M/P Failure - Loose Fitting	The spill was caused due to a normally installed device that was loose or has become loose through vibration and/or lack of maintenance. A loose pipe fitting or hose coupling would be a loose fitting.

Overfill (OF)

09 Overfill

The spill was caused due to physically, either intentionally or unintentionally, putting more product into a tank or vessel than the tank or vessel is designed to hold.

Tank or Vessel - The spill was caused due to physically putting more product into a tank or vessel then the tank or vessel is designed to hold.

Other (OT)

00 Other - No Cause

Need to specify - A discharge caused by any means not already listed above. Specify this cause in your narrative.

Investigation, no spill. No cause of a spill is attributable to this report. The inference here is that no spill occurred, so no amount would be spilled. Where you have an amount spilled, but you do not know what caused the spill, use "18 - Unknown".

Do we have a code to allow there to be an investigation in which there was a release from primary containment, but no environmental impact? What comes to mind is the paper mill process that neutralizes a discharge.

30 Other - Known Cause

A discharge caused by any means not already listed. Specify this cause in your narrative.

18 Other - Unknown

No cause of discharge is known.

Spill Source - The primary source, or containment unit, of the primary product.

CODE VALUE

DESCRIPTION

Air Transportation (A)

AC Air Transportation - Aircraft

A machine or device, capable of atmospheric flight.

OA Air Transportation - Other Air

Water Transportation (D)

FI Water Transportation - Fishing Vessel

Any vessel designed and constructed to be used primarily in the harvest of marine organisms as a commercial venture.

GV Water Transportation - Government Vessel

A vessel owned by a federal, state, county or local government used in the performance of official duties. Includes military vessels and government owned research vessels, as well as vessels owned by foreign governments visiting Maine waters.

FR Water Transportation - Freightster Vessel

Any vessel designed and constructed to transport dry freight or liquids in non-bulk containers.

TW Water Transportation - Tank Vessel

Any vessel designed and constructed to transport bulk liquid cargoes. Includes Ore Bulk Oil ships when in oil service, and tank barges. Modal containers are considered bulk.

OT Water Transportation - Other

PI Water Transportation - Pleasure Vessel

A vessel, usually privately owned, used primarily for recreational purposes which are not a commercial venture.

PA Water Transportation - Passenger Vessel

A vessel used to transport paying customers from one place to another and generally for a specific purpose. Examples would be, non-government owned ferries, cruise ships, charter fishing vessels.

Land Transportation (E)

PL Land Transportation - Pipeline

A line of pipes for conveying petroleum products.

OR Off Road Recreational Vehicle

A motor vehicle that is capable of being driven over unpaved surfaces (i.e. snowmobile, dirt bike, ATV, dune buggy, etc.)

RR Land Transportation - Railroad

A box car, rail tank car, or other rail cars including locomotives.

UT Land Transportation - Fuel Supply Tank (Sadd

A tank and associated piping designed to hold and supply fuel for a large truck. This code is not to be used for passenger vehicles.

TT Land Transportation - Tank Truck

A release from the cargo area of a commercial tank truck used to transport petroleum product from one place to another over the road.

TR Land Transportation - Truck

A release from the cargo area or engine compartment of a commercially registered truck.

PV Land Transportation - Passenger Vehicle

A vehicle used to transport a single individual or small group of individuals from one place to another over the road. Examples would be, car, minivan, pickup truck.

Other (O)

NS No Source Found By Responder

Responder could not identify a source of the release.

NO No Source

There is no source. The implication being no spill occurred.

OS Other Source

Please specify in narrative.

Equipment (Q)

HQ Equipment - Heavy Equipment

Motorized equipment used for construction, road maintenance, or industrial purposes and its primary function is not transportation.

IM Equipment - Industrial Machinery

Machinery used in manufacturing processes such as paper mill equipment.

EA	Equipment-Appliances	A small device, generally operated by electricity, designed for commercial and/or household use (i.e. trash compactor, microwave oven, refrigerator, furnace, etc.).
SM	Equipment - Light	Motorized small engine machines for commercial or residential application such as, lawn mower, rototiller, small-sized generators, weedwacker, well pumps, etc.
<i>Storage Unit (T)</i>		
CY	Storage Unit - Cylinder	A cylindrical container.
DR	Storage Unit - Drum	A barrellike metal container.
TA	Storage Unit - Aboveground Storage Tank	Any aboveground container, less than 10% of the capacity of which is beneath the surface of the ground and is used or intended to be used for the storage or supply of oil. Included in this definition are any tanks situated upon or above the surface of a floor and in such a manner that they may be readily inspected.
TX	Storage Unit - Box or Other General Use Contai	This is a code of last resort for storage units. If another storage unit code meets the need use one of them first. This code is added for spills from things like boxes of pesticides.
TU	Storage Unit - Underground Storage Tank	Any container, 10% or more of which is beneath the surface of the ground and that is used, or intended to be used, for the storage, use, treatment, collection, capture or supply of oil, but does not include any tanks situated in an underground area if these tanks or containers are situated on or above the surface of a floor and in such a manner that they may be readily inspected.
<i>Utility (U)</i>		
ET	Utility - Electrical Transformer	A device containing no moving parts and consisting essentially of two or more coils of insulated wire that transfers alternating-current energy of electromagnetic induction from one winding to another at the same frequency but usually with changed voltage and current values. Includes voltage regulators and oil switches.

Reporter Type - Type of reporter identifying the spill to DEP.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
1	DEP Personnel	Response staff observe a situation or it is brought to a Responder's attention by another DEP colleague.
2	Spiller	The entities causing or suffering a discharge.
3	Citizen Complaint	Any citizen who issues a complaint regarding suspected environmental pollution.
4	Public Official	Any public official notifying the Department of a probable discharge.
5	Anonymous	Any entity wishing to report a believed discharge anonymously.
6	Contractor/Consultant	Contacted by a contractor or consultant. (ex.: Putting in a water/sewer line; conducting phase I & II site assessment for a property transfer; tank removal; etc.)
7	Other Involved Party	Other significant individual or party involved with the incident (i.e. an employee of a facility where an incident occurs, however, the facility is not technically the "spiller/subject")

Detection / Discovery Method - Method by which the spill was detected.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
A	UST Tank Anomaly	Product/chemical and brine discrepancies in an underground storage tank including gained water. Includes statistical analysis
C	Alarms/Monitoring Well	Product/chemical detected in water or other aqueous solution.
D	Tank and/or Piping Testing	Required or routine tank and/or piping testing.
G	Water Analysis/Complaint	Product/chemical discovered in a water analysis. Includes odors detected from water.
H	Odor/Vapor/Mist	Product/chemical detected by airborne means. (ex.: smelling; alarms; instruments; etc.)
I	Other	Need to specify in the report. To be used when other codes from this table do not apply.
J	Tank and/or Piping Removal	Contamination found during a tank and/or piping removal.
L	Visual Product	An entity actually observes product/chemical being discharged. (ex.: overfill; breakage of containment vessel, such as, piping, fittings & tank; etc.) Could also include the discovery of accumulated product/chemical. (ex.: puddling of product in a depression; accumulation around a pier or dock; etc.)
N	AST Tank Anomaly	Product/chemical discrepancies of an aboveground storage tank. Includes visual anomaly.

Location Type - Type of location that spill report is about.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
<i>Business (A)</i>		
CM	Business - Commercial	<i>Any venture engaged in the production of a product or service for the purpose of deriving income.</i> Business in the service sector including retail stores which sell a product or service to the public. This category includes construction and hospitals.
FM	Business - Farm	Agriculture / Logging / Aquaculture - Agri-business includes farming activities and the growing of crops (I.e., potatoes, blueberries, dairy, etc.). Logging includes forestry related activities such as wood harvesting. Aquaculture includes activities related to fish and seafood "farming".
OB	Business - Other	Inclusive of all businesses not specified above.
ID	Business - Industrial	Business which produces a product at a manufacturing facility such as a paper mill, shoe factory, electronics assembly, large scale baking, etc.
<i>Residential (B)</i>		
MF	Residential - Multi Family	<i>Any structure being used for the primary purpose of housing of families or individuals.</i> Building, such as an apartment or duplex, which is designed as the residence for 2 or more families.
SF	Residential - Single Family	Building at which a single family resides, i.e., their house.
OR	Residential - Other	Multi-unit, single occupancy buildings, such as live-in health care facilities and nursing homes and all other residential arrangements not specified upon.
<i>Terminal (C)</i>		
AT	Terminal - Air	<i>A fixed facility to which oil or product is delivered and subsequently redistributed on either a wholesale or retail basis.</i> Airports
BP	Terminal - Bulk Plant	An intermediate storage facility at which products are stored in either above or underground storage tanks for subsequent redistribution on a wholesale basis.
LI	Terminal - Licensed	A bulk oil storage and distribution facility having a storage capacity in excess of 500 barrels (21,000 gallons) in either above or underground storage tanks which is engaged in the transfer of oil to or from vessels plying the waters of the state. Facility must be licensed in accordance with Chapter 600.
SS	Terminal - Service Station	A marketing and distribution facility at which products, usually motor fuels, are stored in either above or underground storage tanks and sold on a retail basis.
OTT	Terminal - Other	All other storage and distribution facilities including fleet fueling facilities, commercial marine fueling facilities, and railroad fueling facilities (must be specified elsewhere in narrative).
MA	Terminal - Marina	A marketing and distribution facility at which products, usually motor fuels, are stored in either above or underground storage tanks and are sold on a retail basis to water craft.
<i>Transportation System (E)</i>		
AR	Transportation - Air	<i>Events directly attributable to products under conveyance. This category captures incidents where the source of the problem is a vehicle loaded with the product reportedly spilled.</i> Aircraft crashes or discharges from aircraft while in flight.
RD	Transportation - Road	Discharges from vehicles being driven over-the-road.
OTP	Transportation - Other Off Road	Discharges from off-road vehicles.
RR	Transportation - Rail	Discharges from trains (i.e., box car, rail tank car, or other rail cars, including locomotives).
PL	Transportation - Pipeline	Discharges from pipelines used to convey petroleum products.
MR	Transportation - Marine	A discharge from a vessel being navigated in any State waters.
<i>Other (F)</i>		
OTM	Other - Mystery	<i>Any other spill location, not described by one of the other known locations in this table. Other includes all the various types of religious facilities. Note in your narrative what this source is.</i> Discharge of petroleum or chemical products from an unknown source with an unknown responsible party.

OTN	Other - Specified in Report	Any other location not described (i.e such as abandoned drums on the roadside). Please specify in narrative.
NS	Other - None specified	Other known locations not listed.
OTR	Other - Religious	Religious institutions including churches and residences owned by religious organizations.
<i>Government (H)</i>		<i>A spill at a government facility (local, county, state, tribal or federal) excluding schools.</i>
FD	Government - Federal	Federal used facility.
OTG	Government - Other	Government unspecified.
ML	Government - Military	Military used facility.
ST	Government - State of Maine	State of Maine facility.
LC	Government - Local	Minor Civil Division, County, or Municipal, e.g., jails, municipal garages, fire, & public safety buildings.
<i>Utility (I)</i>		<i>A spill at any public or privately owned utility.</i>
TC	Utility - Telecommunications	Telephone or cable facilities.
OTU	Utility - Other	Includes any utility not listed above. Natural gas is also included.
PW	Utility - Power	Includes electric utility companies, such as Central Maine Power Co.
<i>School (S)</i>		<i>Any facility whose primary purpose is learning.</i>
IS	School - Private	An independent educational institute. Schools of religion are included.
PS	School - Public	An educational institute for the general public.

Medium Effected - What type of medium was affected by the event.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
A	Atmosphere	Gaseous mass surrounding the earth (i.e., air).
C	Coastal Water	All waters of the State within the rise and fall of the tide and to a distance of 12 miles from the coastline of the State, but does not include areas above any fishway or dam when the fishway or dam is the dividing line between tidewater and fresh water.
G	Groundwater	Water beneath the earth's surface between saturated soil and rock that supplies wells and springs.
I	Inland Surface Water	All waters within the State that is not coastal waters or groundwater. Sewers are considered inland surface water.
L	Land	Any surface that is not water or air.
N	None	No spill has occurred.

Tank Type Involved- Type of tank system involved.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
A	Above Ground Tank(s) Involved	
D	Unknown/Unspecified	Unknown, unspecified, use for old reports where this information may not be available.
U	Underground Tank(s) Involved	
N	None	No tank(s) involved.

Product Codes By Catagory and Spill Type - Type of product involved.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
<i>Fuel Oil (FO) for Spill Type (O)</i>		<i>Oil products that burn with an open flame and whose primary use is to produce heat or light. Flash point is 100 Degrees F or more.</i>
01	#1 Fuel Oil - Kerosene	
02	#2 Fuel Oil	
03	#3 Fuel Oil	
04	#4 Fuel Oil	
05	#5 Fuel Oil	

06	#6 Fuel Oil	
07	Unspecified Fuel Oil	
<i>Motor Fuel (MF) for Spill Type (O)</i>		<i>Oil products that are designed to explode under controlled circumstances and produce mechanical motion. For many of these Fuels the flash point is 0 Degrees F or less.</i>
24	Aviation Gasoline	Fuel for piston powered aircraft.
29	Diesel	
20	Gasoline Unspecified	
25	Jet Fuel	Fuel for turbine powered aircraft.
22	Leaded Gasoline	
23	Unleaded Gasoline	
30	Unspecified Motor Fuel	
<i>Oils Other (OO) for Spill Type (O)</i>		<i>Any other type oil.</i>
41	Asphalt	
61	Crude Oil	
86	Hydraulic Oil	
10	Lube Oil	
88	Oil - Other - Specify in Report	Any other type of oil not listed above. Please specify oil type in Products Found table - Additional Description field.
87	Transformer Oil	Non PCB ? less than 50 ppm.
84	Transmission Oil	
80	Unspecified Oil	
81	Waste Oil/Used Motor Oil	
<i>All Others (AO) for Spill Type (I)</i>		<i>Unknowns or no product.</i>
00	None	
12	Unknown Substance	
<i>Non-Chemical Non Oil (NO) for Spill Type (I)</i>		<i>Non-Chemical Non-Oils</i>
52	Algae Blooms/Plant Pollen Sheens	
50	Animal Fats/Remains	
53	Demolition Debris	
51	Marsh Sheen	Organic scale sheen.
55	Non-Chemical Non-Oil Specified in report	
54	Non-Chemical Non-Oil Unspecified	
85	Water Storage	
<i>Hazardous Chemical (HC) for Spill Type (H)</i>		<i>Materials covered under CERCLA, RCRA hazardous waste, DOT hazardous materials or meeting class specifications of above materials excluding oils. Biohazards are included.</i>
76	Ammonia	
74	Chlorine	
73	Corrosive	
75	Hazardous Chemical - Unspecified	
79	Hazardous Chemical - specified in report	Specified in product found table.
77	Hydrochloric Acid	
90	Liquors	White, green, etc., please specify in products found table.
78	Medical Waste	
99	Mercury	
71	PCB Oil	Greater than 50 ppm.
70	Pesticide General	
72	Sulfuric Acid	
69	Waste Oil (as Haz Chem)	
<i>Non-Hazardous Chemical (NC) for Spill Type (H)</i>		<i>Chemicals which although may pose a health hazard do not meet the legal definition of a Hazardous Chemical</i>
83	Anti-freeze	
92	Non-Hazardous Chemical Specified in report	
91	Non-Hazardous Chemical Unspecified	

Recovered Material Type Code - Material types recovered.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
CS	Contaminated Soil	Soil removed from site which is contaminated by product(s) spilled.
MM	Mixed Liquid Media	Water, in any of its forms (i.e., snow), and other mixed liquid product(s) recovered from the site. This code should be used regardless of whether the material was spilled or not.
VP	Unspilled Product	Virgin product(s) removed or recovered from the site that wasn't spilled. Does not include mixed waste or waste oil.
SP	Spilled Product	The amount of free product, released from its primary containment structure which is recovered during cleanup.
OM	Other Material	Other material recovered from the site, such as sorbents, boom, debris, etc.
NO	None	Product(s) spilled, however, none was recoverable.

Recovery / Treatment Method - Methods/Treatment used to recover the spilled product.

<u>CODE</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
A	Vacuum Trucks	Any vehicle designed and used for recovery of substances by use of negative pressure -- typically liquid product.
B	Pumps	Hand or mechanically operated device for transferring liquids or sludge.
C	Sorbents	Any material designed for use as a recovery media by either absorption or adsorption (i.e., sorbent pads, boom, kitty litter, etc.).
D	Skimmers	Device used for recovery of a thin layer of product from water. Can be hand held, boat mounted, or free floating.
G	Excavation	Physical removal of affected spill area by mechanical means -- typically the removal of soil.
H	Burning	Thermal degradation of spilled product.
I	Treatment in Place	Any remediation accomplished without removal of affected material from its original location.
J	Other	Any cleanup method not defined, however, please specify method in narrative.
K	None	No cleanup method used.
L	Licensed Treatment Facility	Any facility formally licensed for treatment. Can be a neutralization unit, waste water treatment plant or other licensed facility -- typically this code would be used for hazardous chemical incidents.
F	Filter	Installation of a device that removes contaminants from water or air.